

## ABSTRACT

[0058] A system, method, and storage medium for transmitting data over a computer network to a predetermined recipient is provided. The system includes a first device configured to modify at least one data byte in a first data message based on a first message modification key value to obtain a modified first data message. The first message modification key value is determined based on at least one variable parameter. The first device is further configured to modify at least one data byte in a second data message based on a second modification key value to obtain a modified second data message. The second message modification key value is determined based on at least one variable parameter. The first device is further configured to transmit the first and second modified data messages. The system further includes a second device configured to receive the transmitted first and second modified data messages and to determine the first data message for the predetermined recipient based on the modified first data message and the first message modification key value. Finally, the second device is configured to determine the second data message for the predetermined recipient based on the modified second data message and the second message modification key value.